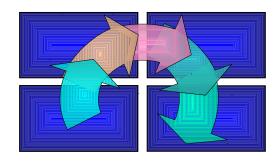
# PR-07 PROGRAM REVIEW



# HUMAN PERFORMANCE CENTER (HPC)

26 October 2004

### **PROGRAMS**

- HP Projects
- ILE Support / Science of Learning (SoL)
- Job Task Analyses / Mission Area Analyses (JTAs / MAAs)
- Acquisition Support Program Reviews

**Provide Descriptive Links for all Programs** 

### STRATEGY ALIGNMENT

**Discuss Program Alignment With Overarching Strategy** 

### **ASSESSMENT APPROACH**

Requirement

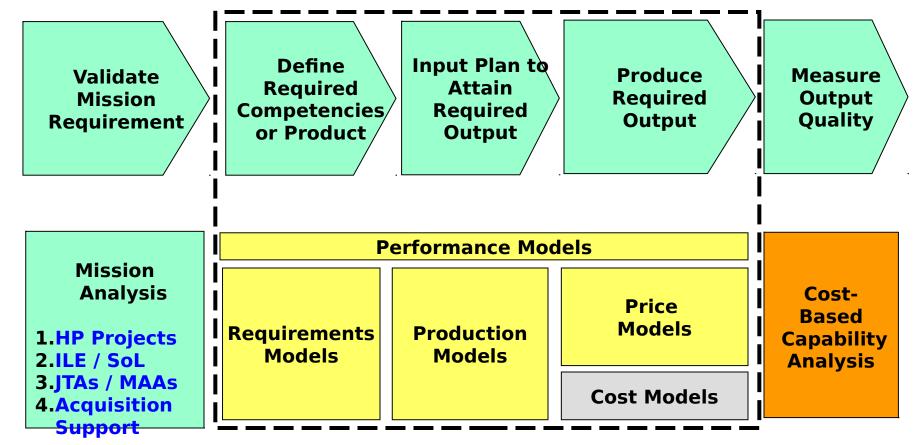
**Product** 

Demand Basis for Production Plan

Production Plan

Output & Feedback

#### **Identify and Assess Processes and Outputs of Key Business Sectors**



**Evaluate Interdependencies of Business Sectors Via Modeling** 

## RESOURCES SUMMARY PROFILE Manpower

End Strength	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11
Required								
Funded								
Delta								
Officer								
Required								
Funded								
Delta								
Enlisted								
Required								
Funded								
Delta								
Civilian								
Required								
Funded								
Delta								

**HPC Command and Overhead** 

**HPC Detachments** 

## RESOURCES SUMMARY PROFILE O&MN Funding

PE / AGSAG	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11
Required	\$0.0M							
Funded	\$0.0M							
Delta	\$0.0M							

- Major Cost Drivers
- Shortfall Caused by ...

# STATUS OF BUSINESS INITIATIVES

- Increase HP Technologist Productivity Through:
  - Mentoring
    - Reduce Time to Complete Analyses by 25%
    - Increase ROI From HP Projects From 4:1 to 8:1
  - KM System
    - Identification of Requirements
    - Development of Work Plans
    - Tracking of Project Status
    - Sharing of Lessons Learned
    - Tools for Conducting Analyses
    - Access to Cost Data and Performance Indicators

Address Progress of Existing Initiatives and Identify New

### UNFUNDED ISSUES

- Issue 1: Title
- Issue 2: Title
- Issue 3: Title
- Issue 4: Title
- Issue 5: Title

Up to 5 Prioritized issues -Linked to specifics slide (to be submitted to Web Based Issue Collection System)

### LINKED SLIDES

## **HP PROJECTS**



### **ILE SUPPORT / Sol**



### JTAs / MAAs



### **ACQUISITION SUPPORT**



## **HP PROJECTS Analysis Results**

- Validate Mission Requirement
- Define End Products
- Demand Basis for Input Plan
- Develop Production Capability
- Measure Output Quality



## VALIDATE MISSION REQUIREMENT Program Area - HP Projects

Requirements Should be Prioritized and Based On Valid Fleet and Navy Needs...

- Fleet Mission Tasking
  - JMETLs
  - NMETLS
  - ROC / POE

Describe How Requirements are Prioritized and Based On Valid Fleet and Navy Needs

- Policy: DoD / CJCS / DoN Directives
- Statute: Title 10 U.S. Code
- Strategy
  - Strategic Planning Documents
  - Sea Power 21
  - CNO Guidance



## **DEFINE END PRODUCTS Program Area - HP Projects**

- Overall Assessment
  - Discuss How End Products Are Defined
    - Discuss Methodology and Identify Stakeholders
  - Evaluate Effectiveness of Methodology
  - Determine Extent to Which End Products Meet Fleet /
     Other Requirements
- Improvement Opportunities
  - Determine Factors Which Make Product Definition Difficult
    - Changing Environment, Vague Fleet Requirement, Lack of Consensus...
- Risk
  - Define Risks of Inaccurate Product Definition
    - Where / When Risk Occurs and Potential Consequences
  - Characterize Risk As Low, Medium or High
    - Factors Driving Risk Timeline, Method Used, Expertise, Funding...



## INPUT PLAN Program Area - HP Projects

#### Overall Assessment

- Discuss Methodology and Identify Stakeholders Used to Project Inputs
- Evaluate Effectiveness of Methodology
- Determine Extent to Which Quantity Meet Fleet / Other Requirements
- Identify Projected Workload
- Improvement Opportunities
  - Factors Making Input Projection Difficult
  - Identify Potential Improvements
- Risk
  - Define Risks of Inaccurate Input Projections
    - Where/ When Risk Occurs and Potential Consequences
  - Characterize Risk As Low, Medium or High
    - Factors Driving Risk Timeline, Method Used, Expertise, Funding...



## **HP PROJECTS Projected Workload**

Customer	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11
NETC								
Fleet								
Acquisition								

- FY04 HP Projects
- FY05 HP Projects



### **FY04 HP PROJECTS**

1.

2.

3.

**Provide Description, Status and ROI** 



### **FY05 HP PROJECTS**

1.

2.

3.

**Provide Description, Status and ROI** 



### PRODUCE REQUIRED OUTPUT Program Area - HP Projects

#### Overall Assessment

- Determine Capability to Produce Product
- Define Methodology
- Discuss Process Used to Prioritize Requirements
- Evaluate Capacity and Infrastructure
- Identify Resources Required to Meet Capacity and Unfunded Requirements
- Provide Status of Performance Model Development

#### Improvement Opportunities

- Factors Making Production Difficult
- Identify Productivity Enhancements and Process Efficiencies
- Address Potential Reductions in Capacity and Infrastructure

#### Risk

- Define Risks of Insufficient Capability or Capacity
- Characterize Risk As Low, Medium or High

Manpower O&MN



## **HP PROJECTS Manpower**

End Strength	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11
Required								
Funded								
Delta								
Officer								
Required								
Funded								
Delta								
Enlisted								
Required								
Funded								
Delta								
Civilian								
Required								
Funded								
Delta								



## HP PROJECTS O&MN Funding

PE / AGSAG	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11
Required	\$0.0M							
Funded	\$0.0M							
Delta	\$0.0M							

- Discuss Funding Status
- Potential Initiatives to Reduce Program Costs
- FY06-07 Risk Assessment High, Medium or Low
- Submitted as Priority X of 5 Unfunded Issues (if Submitted)



## **MEASURING OUTPUT QUALITY Program Area - HP Projects**

- Overall Assessment
  - Discuss How Product Quality Determined
    - Define Methodology and Identify Stakeholders
  - Evaluate Effectiveness of Methodology
  - Determine Extent to Which Product Quality Meets Fleet / Other Requirement
  - Determine Extent to Which HPSM Applied
- Improvement Opportunities
  - Factors Making Product Quality Measurement Difficult
  - Identify Potential Improvements to Product Quality
- Risk
  - Define Risks of Not Effectively Measuring Product Quality
    - Potential Consequences
  - Characterize Risk As Low, Medium or High
    - Factors Driving Risk Timeline, Method Used, Expertise, Funding...



### ILE / SoL Analysis Results

- Validate Mission Requirement
- Define End Products
- Demand Basis for Input Plan
- Develop Production Capability
- Measure Output Quality



## **VALIDATE MISSION REQUIREMENT Program Area - ILE / SoL**

Requirements Should be Prioritized and Based On Valid Fleet and Navy Needs...

- Fleet Mission Tasking
  - JMETLs
  - NMETLs
  - ROC / POE

Describe How Requirements are Prioritized and Based On Valid Fleet and Navy Needs

- Policy: DoD / CJCS / DoN Directives
- Statute: Title 10 U.S. Code
- Strategy
  - Strategic Planning Documents
  - Sea Power 21
  - CNO Guidance



## **DEFINE END PRODUCTS Program Area - ILE / SoL**

- Overall Assessment
  - Discuss How End Products Are Defined
    - Discuss Methodology and Identify Stakeholders
  - Evaluate Effectiveness of Methodology
  - Determine Extent to Which End Products Meet Fleet /
     Other Requirements
- Improvement Opportunities
  - Determine Factors Which Make Product Definition Difficult
    - Changing Environment, Vague Fleet Requirement, Lack of Consensus...
- Risk
  - Define Risks of Inaccurate Product Definition
    - Where / When Risk Occurs and Potential Consequences
  - Characterize Risk As Low, Medium or High
    - Factors Driving Risk Timeline, Method Used, Expertise, Funding...



## **INPUT PLAN Program Area - ILE / SoL**

#### Overall Assessment

- Discuss Methodology and Identify Stakeholders Used to Project Inputs
- Evaluate Effectiveness of Methodology
- Determine Extent to Which Quantity Meet Fleet / Other Requirements
- Identify Projected Workload
- Improvement Opportunities
  - Factors Making Input Projection Difficult
  - Identify Potential Improvements
- Risk
  - Define Risks of Inaccurate Input Projections
    - Where/ When Risk Occurs and Potential Consequences
  - Characterize Risk As Low, Medium or High
    - Factors Driving Risk Timeline, Method Used, Expertise, Funding...



### ILE / SoL Projected Workload

Customer	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11
NETC								
Fleet								
Acquisition								

- FY04 ILE / SoL Projects
- FY05 ILE / SoL Projects



### FY04 ILE / SoL PROJECTS

1.

2.

3.

**Provide Description, Status and ROI** 



### FY05 ILE / SoL PROJECTS

1.

2.

3.

**Provide Description, Status and ROI** 



### PRODUCE REQUIRED OUTPUT Program Area - ILE / SoL

#### Overall Assessment

- Determine Capability to Produce Product
- Define Methodology
- Discuss Process Used to Prioritize Requirements
- Evaluate Capacity and Infrastructure
- Identify Resources Required to Meet Capacity and Unfunded Requirements
- Provide Status of Performance Model Development

#### Improvement Opportunities

- Factors Making Production Difficult
- Identify Productivity Enhancements and Process Efficiencies
- Address Potential Reductions in Capacity and Infrastructure

#### Risk

- Define Risks of Insufficient Capability or Capacity
- Characterize Risk As Low, Medium or High

Manpower O&MN



## ILE / SoL Manpower

End Strength	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11
Required								
Funded								
Delta								
Officer								
Required								
Funded								
Delta								
Enlisted								
Required								
Funded								
Delta								
Civilian								
Required								
Funded								
Delta								



### ILE / SoL O&MN Funding

PE / AGSAG	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11
Required	\$0.0M							
Funded	\$0.0M							
Delta	\$0.0M							

- Discuss Funding Status
- Potential Initiatives to Reduce Program Costs
- FY06-07 Risk Assessment High, Medium or Low
- Submitted as Priority X of 5 Unfunded Issues (if Submitted)



## **MEASURING OUTPUT QUALITY Program Area - ILE / Sol**

- Overall Assessment
  - Discuss How Product Quality Determined
    - Define Methodology and Identify Stakeholders
  - Evaluate Effectiveness of Methodology
  - Determine Extent to Which Product Quality Meets Fleet / Other Requirement
  - Determine Extent to Which HPSM Applied
- Improvement Opportunities
  - Factors Making Product Quality Measurement Difficult
  - Identify Potential Improvements to Product Quality
- Risk
  - Define Risks of Not Effectively Measuring Product Quality
    - Potential Consequences
  - Characterize Risk As Low, Medium or High
    - Factors Driving Risk Timeline, Method Used, Expertise, Funding...



### JTAs / MAAs Analysis Results

- Validate Mission Requirement
- Define End Products
- Demand Basis for Input Plan
- Develop Production Capability
- Measure Output Quality



# VALIDATE MISSION REQUIREMENT Program Area - JTAs / MAAs

Requirements Should be Prioritized and Based On Valid Fleet and Navy Needs...

- Fleet Mission Tasking
  - JMETLs
  - NMETLs
  - ROC / POE

Describe How Requirements are Prioritized and Based On Valid Fleet and Navy Needs

- Policy: DoD / CJCS / DoN Directives
- Statute: Title 10 U.S. Code
- Strategy
  - Strategic Planning Documents
  - Sea Power 21
  - CNO Guidance



# **DEFINE END PRODUCTS Program Area - JTAs / MAAs**

- Overall Assessment
  - Discuss How End Products Are Defined
    - Discuss Methodology and Identify Stakeholders
  - Evaluate Effectiveness of Methodology
  - Determine Extent to Which End Products Meet Fleet /
     Other Requirements
- Improvement Opportunities
  - Determine Factors Which Make Product Definition Difficult
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  - Define Risks of Inaccurate Product Definition
    - Where / When Risk Occurs and Potential Consequences
  - Characterize Risk As Low, Medium or High
    - Factors Driving Risk Timeline, Method Used, Expertise, Funding...



# INPUT PLAN Program Area - JTAs / MAAs

- Overall Assessment
  - Discuss Methodology and Identify Stakeholders Used to Project Inputs
  - Evaluate Effectiveness of Methodology
  - Determine Extent to Which Quantity Meet Fleet / Other Requirements
  - Identify Projected Workload
- Improvement Opportunities
  - Factors Making Input Projection Difficult
  - Identify Potential Improvements
- Risk
  - Define Risks of Inaccurate Input Projections
    - Where/ When Risk Occurs and Potential Consequences
  - Characterize Risk As Low, Medium or High
    - Factors Driving Risk Timeline, Method Used, Expertise, Funding...



### JTAs / MAAs Projected Workload

Customer	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11
NETC								
Fleet								
Acquisition								

- FY04 JTA / MAA Projects
- FY05 JTA / MAA Projects



#### FY04 JTA / MAA PROJECTS

1.

2.

3.

**Provide Description, Status and ROI** 



#### FY05 JTA / MAA PROJECTS

1.

2.

3.

**Provide Description, Status and ROI** 



# PRODUCE REQUIRED OUTPUT Program Area - JTAs / MAAs

#### Overall Assessment

- Determine Capability to Produce Product
- Define Methodology
- Discuss Process Used to Prioritize Requirements
- Evaluate Capacity and Infrastructure
- Identify Resources Required to Meet Capacity and Unfunded Requirements
- Provide Status of Performance Model Development

#### Improvement Opportunities

- Factors Making Production Difficult
- Identify Productivity Enhancements and Process Efficiencies
- Address Potential Reductions in Capacity and Infrastructure

#### Risk

- Define Risks of Insufficient Capability or Capacity
- Characterize Risk As Low, Medium or High

Manpower O&MN



### JTAs / MAAs Manpower

End Strength	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11
Required								
Funded								
Delta								
Officer								
Required								
Funded								
Delta								
Enlisted								
Required								
Funded								
Delta								
Civilian								
Required								
Funded								
Delta								



#### JTAs / MAAs O&MN Funding

PE / AGSAG	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11
Required	\$0.0M							
Funded	\$0.0M							
Delta	\$0.0M							

- Discuss Funding Status
- Potential Initiatives to Reduce Program Costs
- FY06-07 Risk Assessment High, Medium or Low
- Submitted as Priority X of 5 Unfunded Issues (if Submitted)



# **MEASURING OUTPUT QUALITY Program Area - JTAs / MAAs**

#### Overall Assessment

- Discuss How Product Quality Determined
  - Define Methodology and Identify Stakeholders
- Evaluate Effectiveness of Methodology
- Determine Extent to Which Product Quality Meets Fleet / Other Requirement
- Determine Extent to Which HPSM Applied
- Improvement Opportunities
  - Factors Making Product Quality Measurement Difficult
  - Identify Potential Improvements to Product Quality

#### Risk

- Define Risks of Not Effectively Measuring Product Quality
  - Potential Consequences
- Characterize Risk As Low, Medium or High
  - Factors Driving Risk Timeline, Method Used, Expertise, Funding...



### **ACQUISITION SUPPORT**Analysis Results

- Validate Mission Requirement
- Define End Products
- Demand Basis for Input Plan
- Develop Production Capability
- Measure Output Quality



# **VALIDATE MISSION REQUIREMENT**Program Area - Acquisition Support

Requirements Should be Prioritized and Based On Valid Fleet and Navy Needs...

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  - NMETLS
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  - Strategic Planning Documents
  - Sea Power 21
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## **DEFINE END PRODUCTS**Program Area - Acquisition Support

- Overall Assessment
  - Discuss How End Products Are Defined
    - Discuss Methodology and Identify Stakeholders
  - Evaluate Effectiveness of Methodology
  - Determine Extent to Which End Products Meet Fleet /
     Other Requirements
- Improvement Opportunities
  - Determine Factors Which Make Product Definition Difficult
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  - Characterize Risk As Low, Medium or High
    - Factors Driving Risk Timeline, Method Used, Expertise, Funding...



## INPUT PLAN Program Area - Acquisition Support

- Overall Assessment
  - Discuss Methodology and Identify Stakeholders Used to Project Inputs
  - Evaluate Effectiveness of Methodology
  - Determine Extent to Which Quantity Meet Fleet / Other Requirements
  - Identify Projected Workload
- Improvement Opportunities
  - Factors Making Input Projection Difficult
  - Identify Potential Improvements
- Risk
  - Define Risks of Inaccurate Input Projections
    - Where/ When Risk Occurs and Potential Consequences
  - Characterize Risk As Low, Medium or High
    - Factors Driving Risk Timeline, Method Used, Expertise, Funding...



## **ACQUISITION SUPPORT Projected Workload**

Customer	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11
NETC								
Fleet								
Acquisition								

- FY04 Acquisition Support Projects
- FY05 Acquisition Support Projects



# FY04 ACQUISITION SUPPORT PROJECTS

1.

2.

3.

**Provide Description, Status and ROI** 



## FY05 ACQUISITION SUPPORT PROJECTS

1.

2.

3.

**Provide Description, Status and ROI** 



### **PRODUCE REQUIRED OUTPUT Program Area - Acquisition Support**

#### Overall Assessment

- Determine Capability to Produce Product
- Define Methodology
- Discuss Process Used to Prioritize Requirements
- Evaluate Capacity and Infrastructure
- Identify Resources Required to Meet Capacity and Unfunded Requirements
- Provide Status of Performance Model Development

#### Improvement Opportunities

- Factors Making Production Difficult
- Identify Productivity Enhancements and Process Efficiencies
- Address Potential Reductions in Capacity and Infrastructure

#### Risk

- Define Risks of Insufficient Capability or Capacity
- Characterize Risk As Low, Medium or High

Manpower O&MN



# **ACQUISITION SUPPORT Manpower**

End Strength	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11
Required								
Funded								
Delta								
Officer								
Required								
Funded								
Delta								
Enlisted								
Required								
Funded								
Delta								
Civilian								
Required								
Funded								
Delta								



### ACQUISITION SUPPORT O&MN Funding

PE / AGSAG	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11
Required	\$0.0M							
Funded	\$0.0M							
Delta	\$0.0M							

- Discuss Funding Status
- Potential Initiatives to Reduce Program Costs
- FY06-07 Risk Assessment High, Medium or Low
- Submitted as Priority X of 5 Unfunded Issues (if Submitted)



### **MEASURING OUTPUT QUALITY Program Area - Acquisition Support**

#### Overall Assessment

- Discuss How Product Quality Determined
  - Define Methodology and Identify Stakeholders
- Evaluate Effectiveness of Methodology
- Determine Extent to Which Product Quality Meets Fleet / Other Requirement
- Determine Extent to Which HPSM Applied
- Improvement Opportunities
  - Factors Making Product Quality Measurement Difficult
  - Identify Potential Improvements to Product Quality

#### Risk

- Define Risks of Not Effectively Measuring Product Quality
  - Potential Consequences
- Characterize Risk As Low, Medium or High
  - Factors Driving Risk Timeline, Method Used, Expertise, Funding...



### **MANPOWER HPC Command and Overhead**

End Strength	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11
Required								
Funded								
Delta								
Officer								
Required								
Funded								
Delta								
Enlisted								
Required								
Funded								
Delta								
Civilian								
Required								
Funded								
Delta								



## **MANPOWER HPC Detachments - Summary**

End Strength	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11
Required								
Funded								
Delta								
Officer								
Required								
Funded								
Delta								
Enlisted								
Required								
Funded								
Delta								
Civilian								
Required								
Funded								
Delta								

**NETC** Fleet Acquisition



### **MANPOWER HPC Detachments - NETC**

End Strength	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11
Required								
Funded								
Delta								
Officer								
Required								
Funded								
Delta								
Enlisted								
Required								
Funded								
Delta								
Civilian								
Required								
Funded								
Delta								



### **MANPOWER HPC Detachments - Fleet**

End Strength	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11
Required								
Funded								
Delta								
Officer								
Required								
Funded								
Delta								
Enlisted								
Required								
Funded								
Delta								
Civilian								
Required								
Funded								
Delta								



# **MANPOWER HPC Detachments - Acquisition**

End Strength	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11
Required								
Funded								
Delta								
Officer								
Required								
Funded								
Delta								
Enlisted								
Required								
Funded								
Delta								
Civilian								
Required								
Funded								
Delta								



#### **ISSUE 1: Title**

PE / AGSAG	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11
Required	\$0.0M							
Funded	\$0.0M							
Delta	\$0.0M							

- Description
  - Consists of Manpower, Contracts, Equipment,
     Supplies, Travel ... Shortfalls
- Capability at Current Funding
  - Production versus Requirement
- Alternatives at Current Funding Levels
  - Impact / Risk to Whom

